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Job description: The department’s popular algorithmics courses "T-79.4202 Principles of Algorithmic Techniques" and "T-79.4101 Discrete Models and Search" both involve a number of small programming assignments whose assessment was automated in Summer 2014, building on the generic online assignment processing platform Stratum developed at the department (used e.g. on courses T-79.1001 and T-79.3001). The present project involves the development of new programming assignments and their validators for these courses, and further improvement of the automated task submission, evaluation and feedback system provided by the platform. The project requires excellent programming skills, facility in algorithms design, and ideally some familiarity with web programming.